

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-150R

City of Rawlins, 20 inch Transmission Line  
(Name of Facility)

This permit hereby authorizes the applicant:

City of Rawlins

(Last) c/o Howard Needles Tammen & Bergendoff (First) (Middle)  
P.O. Box 3478

(Street or P.O. Box)

Casper

Wyoming 82602

(City)

(County)

(State)

to construct, install, or modify a Water Transmission

facility located in T21N, R87W

(Legal Description)

in the County of Carbon

, in the State of

Wyoming. This permit shall be effective for a period of 3 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. Galt  
Administrator  
Water Quality Division

Robert E. Lundin  
Director  
Wyoming Dept. of Environmental Quality

May 23, 1977

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: KOA Campground - Sheridan

ARCHITECT OR ENGINEER: Keith Neustel, P.E., Plains Engineering, P.O. Box 432,  
Buffalo, Wyoming 82834

WATER QUALITY DIVISION REFERENCE NUMBER: 77-151

REVIEWING ENGINEER: Dan H. Kim, William L. Garland, P.E.

*William L. Garland*

DATE OF REVIEW: 5/17/77

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

- COMMENTS:
- 1) Since your system is not designed to be able to provide contact stabilization process, clarification is required how your system will employ both extended aeration and above mentioned modes. An Operation and Maintenance Manual should be provided explaining the different modes of operation.
  - 2) Your design criteria should be based on an average daily flow of at least 100 gallons per capita and BOD loading of 0.17 lb/day/capita for mobile homes. Accordingly, hydraulic and organic loads for overnight hookups shall also be readjusted.
  - 3) Organic loading for aeration tank in specifications (page 4) and design calculation appears to conflict. Please clarify.
  - 4) What is % return sludge rate from settling tank?
  - 5) Provide provisions for handling waste activated sludge.
  - 6) What is total weir length of the clarifier?
  - 7) 10 State Standards recommend the liquid depth of final clarifier be not less than 7 feet. Justify your depth.
  - 8) Measuring the discharge flow is required by the discharge permit. Verify how this can be done. Measuring devices for raw sewage, return sludge, air to tank, etc., at aeration tank are recommended for process control. Verify in the O&M Manual how process control with or without flow measurement can be achieved.
  - 9) The specifications call for the project elevation will be 3700 feet while the plans show the elevation of plant site is 100 feet. Need clarification.
  - 10) The specifications under "sludge pumps" calls for average flow

KOA Campground - Sheridan

77-151

to be 15 GPM. What is this figure based on? Provide detailed calculations.

- 11) In the specifications under "General Requirements," equipment which will not be used for system, such as comminutor, bypass, etc., shall be eliminated.
- 12) How can your system be protected from freezing in winter?
- 13) Show adequate provisions to protect effectively the operator and visitors from hazards in your facilities.
- 14) Due to the number of comments, this cannot be considered a final review of plans and specifications.

DHK/jo

cc: Mr. Gary Horst, Box 35A, Birney Star Rte., Sheridan, WY 82801

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-151R

KOA Campground - Sheridan Co.  
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Horst</u> (Last)	<u>Gary</u> (First)	<u></u> (Middle)
<u>Box 35A, Birney Star Rt.</u> (Street or P.O. Box)		
<u>Sheridan</u> (City)	<u>Sheridan</u> (County)	<u>Wyoming 82801</u> (State)

to construct, install, or modify a Waste Treatment  
facility located in Section 10 & 15, T56N, R84W  
(Legal Description)

in the County of Sheridan, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. Ireland  
Administrator  
Water Quality Division

Robert E. Lundin  
Director  
Wyoming Dept. of Environmental Quality

August 29, 1977

Date of Issuance  
cc: Plains Engineering, P.O. Box 2020, Gillette, Wyoming 82716

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Colony South 2nd Addition - Sheridan

ARCHITECT OR ENGINEER: Gene Hackleman, P.E., Engineers Planners Surveyors,  
330 North Main Street, Sheridan, WY 82801

WATER QUALITY DIVISION REFERENCE NUMBER: 77-152

REVIEWING ENGINEER: Dan H. Kim, William L. Garland, P.E. *William L. Garland*

DATE OF REVIEW: May 16, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

- COMMENTS:
- 1) Final authorization for construction is not to be issued pending receipt of letter of verification from the City of Sheridan.
  - 2) Maximum distance between manholes is 400 feet. It is 420 feet between M.H. #13 and M.H. #13 A. Please revise.
  - 3) There are two "F.H. #1" on Colonial Drive on Sheet 4 of 20. Need clarification.
  - 4) What are working pressure ratings for cast iron water line?
  - 5) Blowoff detail does not conform to City specifications.
  - 6) This cannot be considered a final review of plans and specifications, upon receipt of the required information a final review will be initiated.

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-152R

Colony South 2nd Addition  
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Carroll and Associates</u>		
(Last) C/O VTN	(First)	(Middle)
<u>330 North Main Street</u>		
(Street or P.O. Box)		
<u>Sheridan</u>	<u>Sheridan</u>	<u>Wyoming 82801</u>
(City)	(County)	(State)

to construct, install, or modify a Water Distribution and Sewer Collection  
facility located in Section 3, T55N, R84W  
(Legal Description)

in the County of Sheridan, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. Chalant  
Administrator  
Water Quality Division

Robert E. Hardin  
Director  
Wyoming Dept. of Environmental Quality

August 11, 1977  
Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Ellis Wastewater Facility

ARCHITECT OR ENGINEER: VTN, 330 N. Main Street, Sheridan, WY 82801

WATER QUALITY DIVISION REFERENCE NUMBER: 77-154R

REVIEWING ENGINEER: Tom Mueller, William L. Garland, P.E.

DATE OF REVIEW: 11-7-77

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

COMMENTS:

1. No sewer or water riser details are shown. Such risers must comply with the requirements of Appendix A, Wyoming Water Quality Rules and Regulations, Chapter 3.
2. There is serious concern that the evapotranspiration bed will encounter serious operating difficulties, chief of which will be flooding due to the ground slope at the proposed location. This is due to the fact that the portions of the bed that surface above elevation 90 will be essentially unusable. Although the proposed system might be approved if all redesign efforts prove fruitless, the owner should be aware that if such failure occurs, he will remain liable for discharge without a permit,



*Department of Environmental Quality*  
*Water Quality Division*

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

December 15, 1977

Gene Hackleman  
VTN Wyoming, Inc.  
330 N. Main Street  
Sheridan, Wyoming 82801

SUBJECT: Ellis Wastewater Facility, Ref. No. 77-154RR

Dear Mr. Hackleman:

The plans for the subject facility have been reviewed and are considered acceptable. No permit will be issued, however, since the facility has already been essentially completely constructed.

To assure that construction has been carried out in accordance with the plans, an on-site inspection should be expected at some future date.

Yours truly,

*Tom Mueller*

Tom Mueller  
Environmental Engineer  
Water Quality Division

TM/jo

cc: Mr. Raymond Ellis, 611 E. Burkitt, Sheridan, WY 82801  
Mr. Bill Denton, County Sanitarian, 934 N. Main, Sheridan, WY 82801



REVIEW OF PLANS AND SPECIFICATIONS

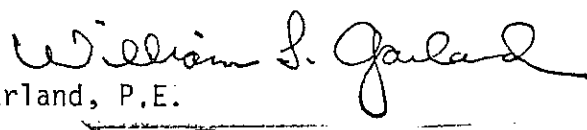
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Sewaco Waste Treatment Plant, Riverton, Wyoming, Fremont County

ARCHITECT OR ENGINEER: Ralph E. Goff, P.E., c/o Sewaco, Inc., P.O. Box 20345,  
Salt Lake City, Utah 84120

WATER QUALITY DIVISION REFERENCE NUMBER: 77-155

REVIEWING ENGINEER: David W. Hill, William L. Garland, P.E.



DATE OF REVIEW: May 13, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

- COMMENTS:
- 1) Please have the owner or owners designated representative fill out and submit "Application for Permit to Construct....."
  - 2) It is highly recommended that Sewaco institute an inspection program for at least two years to make sure the plant is operating properly. - Recommendation only.
  - 3) We would appreciate it if you could discuss possible odor problems from the pond. - Recommendation only.
  - 4) According to my calculations the pond has a 54 day detention time. Where will the water go in the winter?
  - 5) Detailed plans and specifications of the wastewater treatment plant are needed. Confidentiality of information will be maintained if needed.

DWH/jo

cc: Howard Lye, 728 River Road, Riverton, Wyoming 82501

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-156

Sewaco Waste Treatment Plant  
(Name of Facility)

This permit hereby authorizes the applicant:

Sewaco, Inc.

(Last)

(First)

(Middle)

P.O. Box 20345

(Street or P.O. Box)

Salt Lake City

(City)

Utah 84120

(County)

(State)

to construct, install, or modify a Waste Treatment

facility located in Worland

(Legal Description)

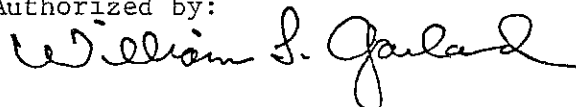
in the County of Washakie, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

NOTE: I AM RATHER SKEPTICAL THAT THIS SYSTEM CAN PUT OUT A CONSISTENT EFFLUENT QUALITY DUE TO HYDRAULIC SURGING. ALSO MEASURES SHOULD BE TAKEN TO KEEP ODORS TO A MINIMUM SUCH AS WEED CONTROL IN POND AND POSSIBLE CHEMICAL TREATMENT.

Authorized by:



\_\_\_\_\_  
Director  
Wyoming Dept. of Environmental Quality

May 10, 1977

Date of Issuance  
cc: Mr. Frank Smith, Rt. #1, Worland, WY 82401

REVIEW OF PLANS AND SPECIFICATIONS

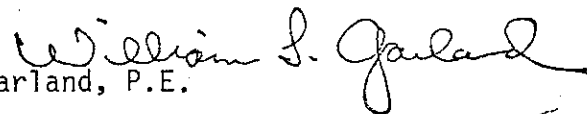
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Taft Ranches, Sewage Stabilization Pond, Lander, Wyoming

ARCHITECT OR ENGINEER: C. E. Spurlock and Associates, P.O. Box 0,  
Lander, Wyoming 82520

WATER QUALITY DIVISION REFERENCE NUMBER: 77-157

REVIEWING ENGINEER: David W. Hill, William L. Garland, P.E.



DATE OF REVIEW: May 17, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

- COMMENTS:
- 1) Please have owner or owners designated representative fill out and submit 2 copies "Application for Permit to Construct....."
  - 2) Please submit design criteria (i.e. - permanent and campground population, flow, evaporation rate, percolation rate, etc.)
  - 3) Please state the depth to groundwater in the area.
  - 4) A manhole shall be located on the lagoon inlet line and located as close to the lagoon dike as possible. This manhole should have an invert at least six inches above the maximum operating level of the lagoon.

DWH:WLG/jo

Enclosure 2- Applications for Permit to Construct

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-157R

Taft Ranch  
(Name of Facility)


This permit hereby authorizes the applicant:

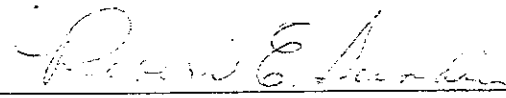
The Taft Ranch  
(Last) (First) (Middle)  
c/o Robert Bent Taft  
P.O. Box 20, Rawlins Route  
(Street or P.O. Box)  
Lander Fremont Wyoming 82520  
(City) (County) (State)

to construct, install, or modify a Wastewater Lagoon  
facility located in Section 23, T32N, R99W  
(Legal Description)

in the County of Fremont, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

  
Administrator  
Water Quality Division

  
Director  
Wyoming Dept. of Environmental Quality

August 4, 1977

Date of Issuance

cc: C. E. Spurlock Jr., and Associates; P.O. Box 0, Lander, Wyoming 82520

REVIEW OF PLANS AND SPECIFICATIONS

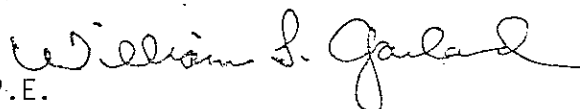
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Wyodak South Pit Settling Pond % Wyodak Resources Development Corp., P.O. Box 149, Gillette, WY 82716

ARCHITECT OR ENGINEER: Paul A. Rechard, P.E.

WATER QUALITY DIVISION REFERENCE NUMBER: 77-158

REVIEWING ENGINEER: Roy Prior, William L. Garland, P.E.



DATE OF REVIEW: May 25, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

COMMENTS:

1. What is the duration of the 100 year storm used in the design of the pond?
2. Please submit details of the inwork and outwork structures for the outfall line.
3. How is the pond going to be filled? Please show details.
4. Please include specifications on installation of pipes.
5. This cannot be considered a final review.

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-158R

Wyodak South Pit Settling Pond

(Name of Facility)

This permit hereby authorizes the applicant:

Wyodak Resources Development Corporation

(Last)

(First)

(Middle)

P.O. Box 149

(Street or P.O. Box)

Gillette

Campbell

Wyoming 82716

(City)

(County)

(State)

to construct, install, or modify a Industrial Settling Pond

facility located in Section 27, T50N, R71W


(Legal Description)

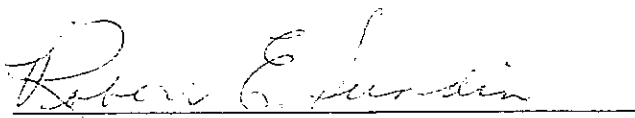
in the County of Campbell, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

  
Administrator  
Water Quality Division

  
Director  
Wyoming Dept. of Environmental Quality

August 1, 1977

Date of Issuance

cc: Paul A. Rechard, 316 Stuart Street, Laramie, WY 82070

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-159R

Balo Processing

(Name of Facility)

This permit hereby authorizes the applicant:

Balo

(Last)

Eric

(First)

R.

(Middle)

Emblem Rt., Box 1

(Street or P.O. Box)

Greybull

(City)

Big Horn

(County)

Wyoming 82426

(State)

to construct, install, or modify a Sewage Disposal

facility located in Section 5, T52N, R93W

(Legal Description)

in the County of Big Horn, in the State of

Wyoming. This permit shall be effective for a period of 2 years


from the date of issuance of this permit not to exceed five (5) years.

Authorized by:



Administrator

Water Quality Division



Director

Wyoming Dept. of Environmental Quality

June 23, 1977

Date of Issuance

cc: William E. Dickinson, P.O. Box 491, Greybull, WY 82426

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-160

AMF Tuboscope,, Sewer System

(Name of Facility)

This permit hereby authorizes the applicant:

AMF Tuboscope

(Last) (First) (Middle)  
c/o Howard Needles Tammen & Bergendoff  
P.O. Box 3478, Intermountain Building

(Street or P.O. Box)

Casper Natrona Wyoming 82602  
(City) (County) (State)

to construct, install, or modify a Sewer System

facility located in Tract C, SE $\frac{1}{4}$ , NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , Sec. 34, T34N, R80W  
(Legal Description)

in the County of Natrona, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

- NOTE: 1. Ensure adequate drainage to prevent runoff from entering disposal area.  
2. All pipes in bed are not required as gravel will distribute flow if installation is level.  
3. Ensure top soil does not contain clay type soil.  
4. A heavy grass will slow down evaporation.

William P. O'Quinn  
Administrator  
Water Quality Division

Robert E. Aurdin  
Director  
Wyoming Dept. of Environmental Quality

May 19, 1977

Date of Issuance

Enclosure  
cc: Nix Anderson



REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Maverick Supper Club Site Improvement - Sheridan

ARCHITECT OR ENGINEER: Richard Horak, P.E., TSP Wyoming Co., 532 Val Vista,  
Sheridan, WY 82801

WATER QUALITY DIVISION REFERENCE NUMBER: 77-161

*William L. Garland*

REVIEWING ENGINEER: Dan H. Kim, William L. Garland, P.E. ———

DATE OF REVIEW: May 23, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

- COMMENTS:
- 1) Please indicate on the septic tank detail sheet how your septic tank will vary from the standard shown. Please provide manufacturer's drawings and specifications of the septic tank and the method of installation.
  - \* A minimum opening of 20" least dimension is required for the access manhole of the septic tank. Please revise this.
  - 2) Please specify the material and slope of the 4" sewer pipe. Also provide details of installation.
  - 3) Supply details of junction box.
  - 4) What's the intention of "Effluent line to Septic Tank" coming out of the northwestern end of building? How is it different from 4" sewer pipe.
  - 5) Please indicate if all the distances listed under "General Notes" on the plan sheet will be complied with.
  - 6) Due to the number of comments, this cannot be considered a final review of plans and specifications.

DHK/jo

cc: Mr. Lionel McEwan, RR#1, Sheridan, Wyoming 82801

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

Permit No. 77-161

☐ Modified

Maverick Supper Club

(Name of Facility)

This permit hereby authorizes the applicant:

McEwan

(Last)

Lionel

(First)

J.

(Middle)

R.R. #1

(Street or P.O. Box)

Sherian

(City)

Sheridan

(County)

Wyoming 82801

(State)

to construct, install, or modify a Waste Treatment

facility located in Section 27, T55N, R84W

(Legal Description)

in the County of Sheridan, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

  
Administrator  
Water Quality Division

  
Director  
Wyoming Dept. of Environmental Quality

July 27, 1977

Date of Issuance

cc: TSP Wyoming, 532 Val Vista, Sheridan, WY 82801

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Maverick Supper Club, Waste Treatment Facility

ARCHITECT OR ENGINEER: TSP Wyoming, 532 Val Vista, Sheridan, WY 82801

WATER QUALITY DIVISION REFERENCE NUMBER: 77-161R

REVIEWING ENGINEER: Roy E. Prior, William L. Garland, P.E.

DATE OF REVIEW: 7-13-77

ACTION: AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

COMMENTS: The enclosed permit to construct is an authorization to construct as required by Wyoming Statutes, Section 35-502.18 and 35-502.19. There is no intention implied as to the reliability of the treatment facility. The operability of the treatment facility is the responsibility of the designing engineer and/or the owner.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Paradise Valley Country Club Estates, Water & Sewer Extention,  
Natrona County

ARCHITECT OR ENGINEER: Tom McDill, P.E. - Worthington, Lenhart and Carpenter, Inc.,  
632 South David, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 77-162

*William L. Garland*

REVIEWING ENGINEER: Jake Strohman, William L. Garland, P.E.

DATE OF REVIEW: May 17, 1977

ACTION: CONSTRUCTION IS NOT AUTHORIZED

- COMMENTS:
1. Need material specifications for PVC sewer pipe. (ASTM D3034)
  2. Commercial class 200 with a SDR of 21 is the only CS rating which meets AWWA C900 specifications.
  3. Cross-over and lateral separation of water and sewer lines should be included in specs.
  4. What is the capacity of the lift station? Forward design information on existing flows on main collection and interceptor lines to the treatment plant.
  5. What are current water uses during peak usage? What is the storage capacity and well outputs?

JS/jo

cc: Nix Anderson

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-163

Hugh Bebout Sewer Line Extension  
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Bebout</u> (Last)	<u>Hugh</u> (First)	<u></u> (Middle)
<u>407 West Second Street</u> (Street or P.O. Box)		
<u>Shoshoni</u> (City)	<u>Fremont</u> (County)	<u>Wyoming 82649</u> (State)

to construct, install, or modify a Sewer System  
facility located in Section 27, T38N, R94W  
(Legal Description)

in the County of Fremont, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William S. Garland  
Administrator  
Water Quality Division

Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality

June 1, 1977

Date of Issuance  
cc: J. Roger Miller, P.E., c/o Inberg Surveying Company, Inc., P.O. Box 230,  
Riverton, Wyoming 82501

PERMIT TO CONSTRUCT

<u>X</u>	New
<u>  </u>	Renewal
<u>  </u>	Modified

Permit No. 77-164

Blue Spruce Lodge  
(Name of Facility)

This permit hereby authorizes the applicant:

Rehder Kenneth D.  
(Last) (First) (Middle)

Box 207  
(Street or P.O. Box)

Dayton Sheridan Wyoming 82836  
(City) (County) (State)

to construct, install, or modify a Waste Treatment  
facility located in Section 7, T55N, R88W  
(Legal Description)  
in the County of Sheridan, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. [Signature]  
Administrator  
Water Quality Division

  
Director  
Wyoming Dept. of Environmental Quality

June 9, 1977  
Date of Issuance

cc: Centennial Engineering

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Blue Spruce Lodge, c/o Kenneth Rehder, P.O. Box 207, Dayton, WY 82836

ARCHITECT OR ENGINEER: Centennial Engineering and Research, 49E Loucks,  
Suite 207, Sheridan, WY 82801

WATER QUALITY DIVISION REFERENCE NUMBER: 77-164

REVIEWING ENGINEER: Roy E. Prior, William L. Garland, P.E.

DATE OF REVIEW: 6-1-77

ACTION: AUTHORIZED FOR CONSTRUCTION

COMMENTS: The enclosed permit to construct is an authorization to construct as required by Wyoming Statutes, Section 35-502.18 and 35-502.19. There is no intention implied as to the reliability of the treatment facility. The operability of the treatment facility is the responsibility of the designing engineer and/or the owner.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Lorenzen Trailer Park, Kirby, Wyoming

ARCHITECT OR ENGINEER: Herbert J. Jennerich, P.E., John W. Donnell & Associates,  
P.O. Box 13, Worland, Wyoming 82401

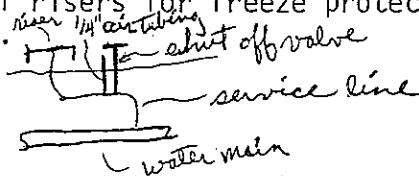
WATER QUALITY DIVISION REFERENCE NUMBER: 77-166

REVIEWING ENGINEER: Jake Strohmman, William L. Garland, P.E.

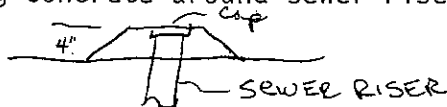
DATE OF REVIEW: May 19, 1977

ACTION: CONSTRUCTION NOT AUTHORIZED

- COMMENTS:
1. Show profile of sewage system.
  2. Need letter of acceptance from Kirby.
  3. What is separation between water and sewer risers?
  4. Cap for sewer riser is required to be used when riser is not in use.
  5. Recommend installing a  $\frac{1}{4}$ " tubing connected to outlet side of water riser valve with a valve stem. This would be used to blow water out of risers for freeze protection when riser is not in use.



6. Recommend sloping concrete around sewer riser.



7. Any line with more than one sewer riser has to be minimum of six inch diameter. Any line with more than one riser has to have a cleanout or manhole as the situation dictates. Layout on East side of Block 4 could be improved to cut down on number of cleanouts. The cleanout or manhole shall not be located under a trailer.
8. Specifications for PVC water pipe are unacceptable. AWWA C900 calls for a minimum SDR ratio of 25.



Lorenzen Trailer Park

77-166

9. PVC sewer pipe shall meet ASTM D3034 specifications.
10. Asbestos cement pipe used for sewer will require more stringent bedding specs.

JS/jo

cc: Bill George

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-166

Lorenzen Trailer Park

(Name of Facility)

This permit hereby authorizes the applicant:

Lorenzen

(Last)

Paul

(First)

E.

(Middle)

P.O. Box B

(Street or P.O. Box)

Kirby

(City)

Hot Springs

(County)

Wyoming 82430

(State)

to construct, install, or modify a Water and Sanitary Sewer

facility located in Blocks 4 & 5, Sec. 7, T44N, R94W

(Legal Description)

in the County of Hot Springs, in the State of

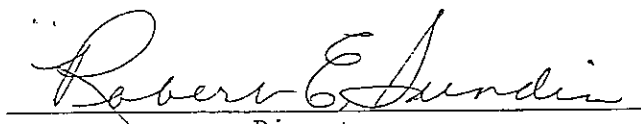
Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:



Administrator  
Water Quality Division



Director  
Wyoming Dept. of Environmental Quality

July 19, 1977

Date of Issuance

cc: John W. Donnell and Associates, P.O. Box 13, Worland, WY 82401

REVIEW OF PLANS AND SPECIFICATIONS

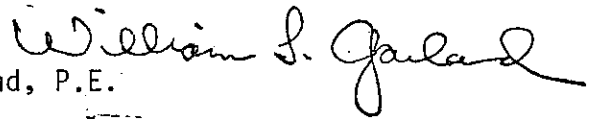
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Uranium Exploration Camp, Red Desert (Six Trailer Spaces), Sewer System, Sweetwater County, Wyoming

ARCHITECT OR ENGINEER: Spurlock & Associates, P.O. Box 0, Lander, WY 82520

WATER QUALITY DIVISION REFERENCE NUMBER: 77-167

REVIEWING ENGINEER: David W. Hill, William L. Garland, P.E.



DATE OF REVIEW: May 13, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

- COMMENTS:
- 1) All plans must be signed by an engineer registered in the State of Wyoming.
  - 2) The water system does not come under our jurisdiction as it is less than 10 connections.
  - 3) Please have owner or designated representative fill out and submit 2 copies of "Application for Permit to Construct, ; ; ; ;."
  - 4) The sewer lines must be a 6 inch minimum size.
  - 5) Please state the slope of the sewer lines.
  - 6) A manhole is needed at the 3-way sewer line junction.
  - 7) Please submit complete septic tank details.
  - 8) Submit details of the distribution box.
  - 9) Submit a typical sewer line riser detail.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Black Butte Coal Mine Complex, Water and Sewage Systems, Point of Rocks, Wyoming, Sweetwater County

ARCHITECT OR ENGINEER: Victor H. Weidmann, P.E., - Land and Water Consultants,  
P.O. Box 672, Ft. Collins, CO 80521

WATER QUALITY DIVISION REFERENCE NUMBER: 77-169

*William L. Garland*

REVIEWING ENGINEER: David W. Hill, William L. Garland, P.E.

DATE OF REVIEW: May 31, 1977

ACTION: NOT AUTHORIZED FOR ONSTRUCTION

COMMENTS:

- 1) The water system does not come under our jurisdiction as it contains less than ten connections.
- 2) Complete detailed specifications are needed for the wastewater system (i.e. - material specifications, exfiltration - infiltration and leakage test specifications, alignment specifications, compaction specifications for lagoon dikes, backfill, and lagoon bottoms, etc.)
- 3) A typical water-sewer line crossover detail is needed.
- 4) A thrust block appears to be needed at the 22½ bend on the force main. Please comment.
- 5) Please state size and capacity of pump station. Please give design peak flow, etc. Each pump must be able to handle the peak flow.
- 6) An emergency alarm for high water level is needed at the lift station.
- 7) Adequate provisions must be made for power outages. Please discuss.
- 8) Are check valve and shutoff valves located on pumps discharge?

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-169R

Black Butte Coal Mine

(Name of Facility)

This permit hereby authorizes the applicant:

Black Butte Coal Company

(Last)

(First)

(Middle)

P.O. Box 98

(Street or P.O. Box)

Point of Rocks

(City)

Sweetwater

(County)

Wyoming 82942

(State)

to construct, install, or modify a Sanitary Backwash Wastewater  
facility located in Section 32,33, T19N, R100W, Sec. 4,5, T18N, R100W  
(Legal Description)

in the County of Sweetwater, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. Ireland

Administrator  
Water Quality Division

Robert E. Linder

Director  
Wyoming Dept. of Environmental Quality

August 10, 1977

Date of Issuance

Attention: David J. Engebretson, Chief Engineer

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-170

Big Horn County Fairground Comfort Station and Concession Stand  
(Name of Facility)

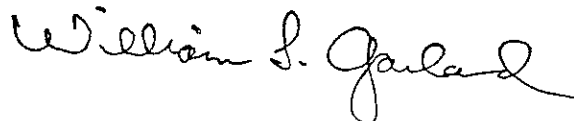
This permit hereby authorizes the applicant:

<u>Donnell</u>	<u>John</u>	<u>W.</u>
(Last)	(First)	(Middle)
<u>P.O. Box 13</u>		
(Street or P.O. Box)		
<u>Worland</u>	<u>Wyoming</u>	<u>82401</u>
(City)	(County)	(State)

to construct, install, or modify a Sewer Extension  
facility located in \_\_\_\_\_  
(Legal Description)

in the County of Big Horn, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:



\_\_\_\_\_  
Director  
Wyoming Dept. of Environmental Quality

May 17, 1977

\_\_\_\_\_  
Date of Issuance

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-172 Ref. 76-184R

Highland Hills Sub-Temporary Mobile Home Park

(Name of Facility)

This permit hereby authorizes the applicant:

Keer McGee Coal Company

(Last)  
c/o C.S.S.A.  
P.O. Box 943

(First)

(Middle)

(Street or P.O. Box)

Cheyenne

Wyoming 82001

(City)

(County)

(State)

to construct, install, or modify a Sewage Collection System,

facility located in Section 20, T50N, R72W

(Legal Description)

in the County of Campbell, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. O'Leary  
Administrator  
Water Quality Division

Robert E. Lundin  
Director  
Wyoming Dept. of Environmental Quality

June 1, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-174RR

Indian Hills Subdivision

(Name of Facility)

This permit hereby authorizes the applicant:

Wolz and Associates

(Last)

(First)

(Middle)

P.O. Box 322

(Street or P.O. Box)

Casper

(City)

(County)

Wyoming 82801

(State)

to construct, install, or modify a Sewer and Water Extension

facility located in Lots 7-46

(Legal Description)

in the County of Converse, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. Oueland

Administrator  
Water Quality Division

Robert E. Sundin

Director  
Wyoming Dept. of Environmental Quality

June 24, 1977

Date of Issuance



REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Linch Sewage Treatment Facility

ARCHITECT OR ENGINEER: TSP Wyoming, 532 Val Vista, Sheridan, WY 82801

WATER QUALITY DIVISION REFERENCE NUMBER: 77-175

*William L. Garland*

REVIEWING ENGINEER: Roy E. Prior, William L. Garland, P.E.

DATE OF REVIEW: 6-14-77

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

- COMMENTS:
1. Two sets of plans and specifications are required along with an application for a permit to construct.
  2. Is the pond going to be lined to prevent exfiltration?
  3. What are the design calculations?
  4. Specifications for alignment and testing the sewer lines shall be included.
  5. Include a narrative on how the lagoon is going to be constructed, i.e. step construction - request for the total 5 years on the construction permit, verification of why the 4' top of dike and not the 8' as required, materials used for sealing the lagoon.
  6. In order to get a variance from 10 State Standards, you must support your request with documentation as to why you want to change.
  7. This cannot be considered a final review.

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-175R

Linch Wastewater Treatment Facility

(Name of Facility)

This permit hereby authorizes the applicant:

Linch  
(Last)

Ron  
(First)

(Middle)

(Street or P.O. Box)

Linch  
(City)

Johnson  
(County)

Wyoming 82640  
(State)

to construct, install, or modify a Wastewater Treatment

facility located in Section 14, T42N, R78W

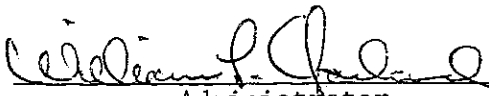
(Legal Description)

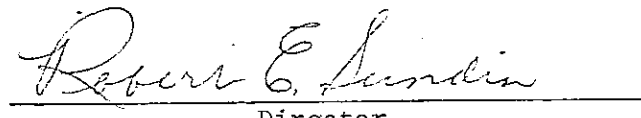
in the County of Johnson, in the State of

Wyoming. This permit shall be effective for a period of 5 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

  
Administrator  
Water Quality Division

  
Director  
Wyoming Dept. of Environmental Quality

July 27, 1977

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Rawhide Village Subdivision IV % Coulter, Inc., P.O. Box 909,  
Gillette, WY 82716

ARCHITECT OR ENGINEER: Larson Engineering, 316 So. Gillette Ave., Gillette, WY 82716

WATER QUALITY DIVISION REFERENCE NUMBER: 77-176, Ref. 76-284

REVIEWING ENGINEER: Roy E. Prior, William L. Garland, P.E.

DATE OF REVIEW: June 1, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. Infiltration or exfiltration test should indicate that it is for each section of pipe, i.e. manhole to manhole.
2. No alignment specifications were included.
3. There should be a specification concerning excessive side fill pressures and ovalation of the pipe.
4. The general layout map should include elevation contours and layout of water and sewer lines.
5. With the depth of sewer lines as noted in the plan and profile portion of the plans indicates a problem in complying with the separation of water and sewer crossings per section 15 of our Chapter III regulations.
6. Our information indicates the Lift Station is too small to handle peak flows. See enclosures.
7. What is the size of the water line?

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Klondike-Residential Subdivision-City of Buffalo

ARCHITECT OR ENGINEER: Gene Rockabrumna, P.E., Basin, Wyoming 82410

WATER QUALITY DIVISION REFERENCE NUMBER: 77-177

REVIEWING ENGINEER: Dan H. Kim, William L. Garland, P.E.

DATE OF REVIEW: May 25, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

COMMENTS:

- 1) Maximum distance between manholes is 400 feet.
- 2) Sufficient valves should be provided on water lines to prevent entire loop section from losing water supply; should a line break or maintenance.
- 3) AWWA C600 indicates the duration of each hydrostatic test shall be at least 1 hour. Please clarify.
- 4) The bedding specifications should include such statements that stones found in the trench shall be removed for a depth of at least 6 inches below the bottom of water main.
- 5) Typical drawings of water service line and sewer service line should be submitted.
- 6) What are the 6" sewer services for?
- 7) Infiltration maximum is 200 gpd/inch of diameter/mile. There should be an exfiltration test also.
- 8) With the water and sewer lines in some areas not being 18 inches vertically apart, it will require the service taps to be constructed per section 15 of our Chapter III Regulations. Please clarify.
- 9) There should be a specification on excessive side fill pressures or ovalation of the sewer pipes.
- 10) Due to the number of comments, this cannot be considered the final review of plans and specifications.

DHK/jo

cc: Mr. Richard W. Douglass, Klondike Development Corp., P.O. Box 204,  
Buffalo, WY 82834

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Klondike - Residential Subdivision - City of Buffalo

ARCHITECT OR ENGINEER: Gene Roccabruna, P.E., Basin, WY 82410

WATER QUALITY DIVISION REFERENCE NUMBER: 77-177R

REVIEWING ENGINEER: Roy E. Prior, William L. Garland, P.E.

DATE OF REVIEW: 7-18-77

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

- COMMENTS:
1. Y branches, not Y saddles should be used for service taps.
  2. The item number six of the previous review was asking what the six inch service lines were for. i.e. single family dwelling, two or more dwellings, etc. If there is a need for the six inch service tap then it would be allowed.
  3. Infiltration and exfiltration tests should indicate a 200 gpd/inch of diameter/mile.
  4. This cannot be considered a final review.

REP/jo

Rich Douglass, Klondike Development Corp., P.O. Box 204, Buffalo, WY 82834

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-177RR

Klondike Residential Sub., Town of Buffalo

(Name of Facility)

This permit hereby authorizes the applicant:

Klondike Development Corporation

c/o Douglass

(Last)

Richard

(First)

W.

(Middle)

714 Fullerton

(Street or P.O. Box)

Buffalo

(City)

Johnson

(County)

Wyoming 82834

(State)

to construct, install, or modify a Water Distribution & Wastewater Collection

facility located in Section 34, T51N, R82W

(Legal Description)

in the County of Johnson, in the State of


Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:



Administrator  
Water Quality Division



Director  
Wyoming Dept. of Environmental Quality

August 29, 1977

Date of Issuance

cc: Gene Roccabruna, P.E., Basin, Wyoming 82410

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-178R

Y-0 Tracts

(Name of Facility)

This permit hereby authorizes the applicant:

Jirdon Industries, Inc.

(Last) (First) (Middle)  
c/o K & H Engineering  
P.O. Box 856

(Street or P.O. Box)

Wheatland Platte Wyoming 82201  
(City) (County) (State)

to construct, install, or modify a Sewage Collection and Treatment  
facility located in Section 19, T24N, R67W  
(Legal Description)

in the County of Platte, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. O'Neil  
Administrator  
Water Quality Division

Robert F. Sundin  
Director  
Wyoming Dept. of Environmental Quality

June 24, 1977

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

State Office Building

Cheyenne, Wyoming 82002

PROJECT: Y-0 Tracts Sewage System

ARCHITECT OR ENGINEER: K & H Engineering, P.O. Box 856, Wheatland, WY 82201

WATER QUALITY DIVISION REFERENCE NUMBER: 77-178

REVIEWING ENGINEER: Tom Mueller, William L. Garland, P.E.

*William L. Garland*

DATE OF REVIEW: May 16, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

- COMMENTS: 1. The following specifications for the Sewer System shall be required:
- a) Pipe Specification
  - b) Infiltration Limits and Testing
  - c) Service Tap Details
  - d) Manhole Details
  - e) Protection for Water mains at Crossings
2. Please verify that the Existing sewage lines are also 8 inch or larger.
3. It is understood that plans for modification of the sewage treatment facility will be received separately. The facility should be approved, however, before service taps are made to the system.



REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

State Office Building

Cheyenne, Wyoming 82002

PROJECT: Spriggs Addition Third Filing, Water and Sewer System, Lander, Wyoming, Fremont County

ARCHITECT OR ENGINEER: Nelson, Haley, Patterson and Quirk, Inc., 625 East Madison, Suite 5, Riverton, Wyoming 82501

WATER QUALITY DIVISION REFERENCE NUMBER: 77-179

REVIEWING ENGINEER: David W. Hill, William L. Garland, P.E.

*William L. Garland*

DATE OF REVIEW: May 31, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS: 1) A letter is needed from the City of Lander stating that the project is acceptable and that adequate water pressure and wastewater service can be provided for this subdivision.

Water System

- 2) A blowoff, flushing hydrant, or fire hydrant is needed at the ends of all deadend lines (i.e. - cul-de-sacs.)
- 3) Submit specifications for castiron water pipe to be used.
- 4) Rocks shall be removed for a depth of at least 6 inches below the bottom of the pipe.
- 5) The installed pipe shall be pressure tested and leakage tested in accordance to C600. The duration of the pressure test is at least one hour.
- 6) Disinfection of the water lines shall be in accordance to AWWA 601-68. Please insert this in the specifications.
- 7) Please explain the rationale for using check valves in the system.

Sewer System

- 8) An alignment specification is needed.
- 9) Leakage tests shall be specified. Water or low pressure air testing may be used.

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-179R

Spriggs Addition, Third Filing, Water & Sewer System

(Name of Facility)

This permit hereby authorizes the applicant:

Clay,	Archie	D.
(Last)	(First)	(Middle)
P. O. Box 26		
(Street or P.O. Box)		
Lander	Fremont	Wyoming
(City)	(County)	(State)

to construct, install, or modify a water and sewer system

facility located in Sec. 13, T33N, R100W

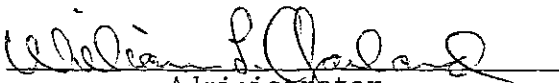
(Legal Description)

in the County of Fremont, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

  
Administrator  
Water Quality Division

  
Director  
Wyoming Dept. of Environmental Quality

July 8, 1977

cc: C. E. Spurlock, City Engineer  
C. E. Sprulock & Associates  
P. O. Box 0, Lander, WY 82520

Nelson Haley, Patterson & Quirk, Inc.  
Combustion Engineering, Inc.  
625 E. Madison, Suite 5, Riverton, WY

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Rogers and Fitzpatrick Veterinary Clinic, Cheyenne, WY

ARCHITECT OR ENGINEER: C.S.S.A. Consulting Engineers, P.O. Box 943, Cheyenne,  
WY 82001

WATER QUALITY DIVISION REFERENCE NUMBER: 77-180

REVIEWING ENGINEER: Frank R. Harman, William L. Garland, P.E.

DATE OF REVIEW: May 17, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION PENDING RECEIPT OF COMPLIANCE  
WITH UNDERMENTIONED ITEM.

COMMENTS: The State requirement for the minimum size of septic tank is  
1000 gallons. This should be provided in place of the proposed  
750 gallon septic tank.

FRH/jo

cc: Don Pack, Director, Environmental Health, City County Health  
Unit, 315 W. 20th Street, Cheyenne, Wyoming 82001

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-180R

Rogers & Fitzpatrick Veterinary Clinic

(Name of Facility)

This permit hereby authorizes the applicant:

Rogers & Fitzpatrick

(Last) (First) (Middle)

c/o C.S.S.A. Consulting Engineers

P.O. Box 943

(Street or P.O. Box)

Cheyenne

(City)

Laramie

(County)

Wyoming 82001

(State)

to construct, install, or modify a Veterinary Clinic

facility located in Lots 7 & 8, Block 2, Cox Subdivision

(Legal Description)

in the County of Laramie, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. Ireland

Administrator

Water Quality Division

Robert E. Sundin

Director

Wyoming Dept. of Environmental Quality

June 1, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

Permit No. 77-181

☐ Modified

East 8th Street Water & Sewer Extension - Hunt Subdivision

(Name of Facility)

This permit hereby authorizes the applicant:

Casper Board of Public Utilities

(Last)

(First)

(Middle)

136 W. 8th Street

(Street or P.O. Box)

Casper

(City)

Natrona

(County)

Wyoming 82601

(State)

to construct, install, or modify a Water & Sewer Extension

facility located in the City of Casper

(Legal Description)

in the County of Natrona, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. O'Leary  
Administrator  
Water Quality Division

Robert E. Auer  
Director  
Wyoming Dept. of Environmental Quality

June 1, 1977

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Alcova Acres Investment, Water System Additions, Natrona County

ARCHITECT OR ENGINEER: E. C. Lenhart, P.E., Worthington, Lenhart, Carpenter,  
Inc., 632 S. David, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 77-182

REVIEWING ENGINEER: Jake Strohman, William L. Garland, P.E.

DATE OF REVIEW: May 25, 1977

ACTION: CONSTRUCTION IS NOT AUTHORIZED

COMMENTS:

1. Enclosed is copy of the October 20, 1976 plan review on the new well which requires system upgrading before authorization of this project.
2. Send all design information for system. Well outputs, storage, elevations of system, fire flow requirements, pressures, etc.
3. Send material specifications for storage reservoir. Overflow, vent and drain pipe screening requirements, termination of drain and overflow pipes.
4. Send disinfection specifications for storage tank.

JS/jo

cc: Nix Anderson

Public Service Commission, Supreme Court Bldg., Cheyenne, WY 82002

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-182R

Alcova Acres Investment Water System Additions  
(Name of Facility)

This permit hereby authorizes the applicant:

Alcova Acres Investment

(Last) (First) (Middle)  
c/o E. C. Lenhart, Worthington, Lenhart, and Carpenter, Inc.  
632 S. David  
(Street or P.O. Box)

Casper Natrona Wyoming 82601  
(City) (County) (State)

to construct, install, or modify a Water System  
facility located in Section 22-27, T33N, R80W  
(Legal Description)

in the County of Natrona, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Galand  
Administrator  
Water Quality Division

Robert E. Lenhart  
Director  
Wyoming Dept. of Environmental Quality

August 31, 1977  
Date of Issuance

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Alcova Acres Investment, Water System Additions, Natrona Co.

ARCHITECT OR ENGINEER: E. C. Lenhart, P.E. - 632 S. David, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 77-182R *William L. Garland*

REVIEWING ENGINEER: Jake Strohman, William L. Garland, P.E.

DATE OF REVIEW: August 31, 1977

ACTION: CONSTRUCTION AUTHORIZED (SEE COMPLIANCE ITEMS)

COMMENTS:

1. Screen vent, overflow and drain on storage tank.
2. Provide concrete specifications.
3. Coat outside of concrete tank with bituminous material.
4. Install gas vent tubing to terminate outside chlorination bldg.
5. Install heater in pump house and chlorination room.



REVIEW OF PLANS AND SPECIFICATIONS

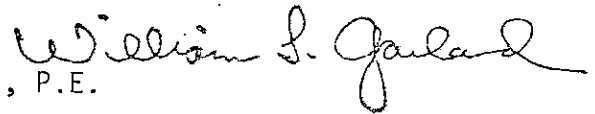
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: 10-4 Diesel, Inc., Truck Shop

ARCHITECT OR ENGINEER: Walter J. Pilch and Associates, Consulting Engineers &  
Land Surveyors, P.O. Box 6498, Sheridan, WY 82801

WATER QUALITY DIVISION REFERENCE NUMBER: 77-183

REVIEWING ENGINEER: Dan H. Kim, William L. Garland, P.E.



DATE OF REVIEW: May 25, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION, SEE COMMENTS.

- COMMENTS:
- 1) The minimum distance between disposal field and drinking water lines should be 25 feet. Please revise.
  - 2) Please show the property lines on plan sheet and indicate distances from leach field.
  - 3) Detailed drawings of distribution box and septic tank should be submitted.
  - 4) This cannot be considered a final review of plans and specifications, upon receipt of the required information a final review will be initiated.

DHK/jo

cc: 10-4 Diesel, Inc., Attention: Sonny Holmes, 136 Scott Drive,  
Sheridan, WY 82801

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

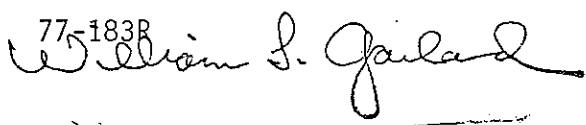
PROJECT: 10-4 Diesel, Inc., Truck Shop

ARCHITECT OR ENGINEER: Walter J. Pilch & Associates, P.O. Box 6498  
Sheridan, Wyoming 82801

WATER QUALITY DIVISION REFERENCE NUMBER: 77-183R

REVIEWING ENGINEER: Roy E. Prior.

DATE OF REVIEW: 6-27-77

  
\_\_\_\_\_  
William L. Garland

P.E.

ACTION: Not Authorized for construction, see comments:

COMMENTS:

1. What is the depth to the seasonal high groundwater table?
2. By the scale on the drawing, the septic tank and leach field are too close to Goose Creek.
3. Provide details of the phillip sitton distribution box and how it will be installed.

cc: 10-4 Diesel, Inc.,  
% Sonny Holmes  
136 Scott Drive  
Sheridan, Wyoming 82801

File

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-183RR

10-4 Diesel, Inc. Truck Shop

(Name of Facility)

This permit hereby authorizes the applicant:

10-4 Diesel, Inc. c/o Sonny Holmes

(Last)

(First)

(Middle)

136 Scott Drive

(Street or P.O. Box)

Sheridan

(City)

Sheridan

(County)

Wyoming 82801

(State)

to construct, install, or modify a Waste Treatment Facility

facility located in Section 15, T56N, R84W

(Legal Description)

in the County of Sheridan, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. Daland  
Administrator  
Water Quality Division

Robert E. Durdin  
Director  
Wyoming Dept. of Environmental Quality

July 27, 1977

Date of Issuance

cc: Walter J. Pilch and Associates, Box 6498, Sheridan, WY 82801

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Natrona Avenue Masek Addition - Sewer and Water Extension, Mills, WY

ARCHITECT OR ENGINEER: Tom McDill, Worthington, Lenhart and Carpenter, Inc.  
632 South David, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 77-184

REVIEWING ENGINEER: Jake Strohman, William L. Garland, P.E.

DATE OF REVIEW: 5-24-77

ACTION: CONSTRUCTION IS NOT AUTHORIZED

- COMMENTS:
1. Chlorination per AWWA C601 specifications.
  2. PVC sewer pipe shall meet ASTM D3034 specifications.
  3. Infiltration - Exfiltration specifications should be tailored according to Ten State Standards.
  4. Y branches for service connections are preferable.

JS/jo

cc: Nix Anderson

REVIEW OF PLANS AND SPECIFICATIONS

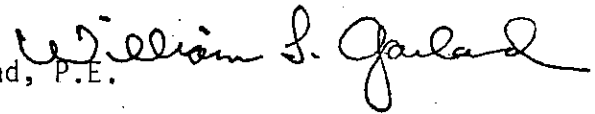
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Prospector Village Mobile Home Park, Campbell Co., WY

ARCHITECT OR ENGINEER: Mile-Hi Engineering, Inc., 2422 South Downing,  
Denver, Colorado 80210

WATER QUALITY DIVISION REFERENCE NUMBER: 77-185

REVIEWING ENGINEER: Roy E. Prior, William L. Garland, P.E.



DATE OF REVIEW: June 14, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

- COMMENTS:
1. Submit an application to modify.
  2. Submit a letter from Amax Coal, Meadowlark Farm, Inc., indicating they will supply water and accept the sewage from the school.

REP/jo

Enclosure

cc: Mr. Richard C. Flory, Manager, Land Planning and Developement,  
105 Meridian Street, Indianapolis, Indiana 46225

Mr. Rolla Rentz, Project Coordinator, Amax Coal, Eagle Butte  
Mine, P.O. Box 878, Gillette, WY 82716

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

Permit No. 77-186

☐ Modified

Foster Road Extension Water & Sewer

(Name of Facility)

This permit hereby authorizes the applicant:

North Platte Water & Sewer District

(Last) (First) (Middle)  
c/o Global Engineering  
Box 352

(Street or P.O. Box)

Casper

Natrona

Wyoming 82601

(City)

(County)

(State)

to construct, install, or modify a Water and Sewer Extension

facility located in \_\_\_\_\_  
(Legal Description)

in the County of Natrona, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Garland  
Administrator  
Water Quality Division

Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality

June 1, 1977

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

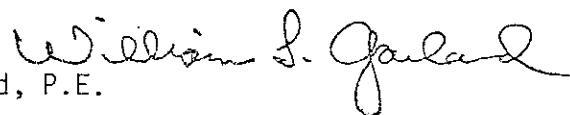
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: U.S. Forest Service - Box 158, Meeteese, WY 82433

ARCHITECT OR ENGINEER: None listed

WATER QUALITY DIVISION REFERENCE NUMBER: 77-187

REVIEWING ENGINEER: Jake Strohman; William L. Garland, P.E.



DATE OF REVIEW: May 24, 1977

ACTION: CONSTRUCTION NOT AUTHORIZED

COMMENTS:

State law requires seal or signature of engineer licensed to practice in the State of Wyoming for this design.

What is the estimation of daily waste flow?

How many people will this facility serve?

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Home Ranch Water System - Water Supply Supplement - Sheridan

ARCHITECT OR ENGINEER: Walter J. Pilch & Associates, Box 6498, Sheridan, WY 82801

WATER QUALITY DIVISION REFERENCE NUMBER: 77-188

*William L. Garland*

REVIEWING ENGINEER: Dan H. Kim, William L. Garland, P.E.

DATE OF REVIEW: June 15, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. SEE COMMENTS.

- COMMENTS:
- 1) Pump sump pit should terminate at least 18 inches above final ground elevation and be of water tight construction throughout to prevent surface contamination.
  - 2) Drain pipe from pump sump should be covered with a 24 mesh, corrosion resistant screen at the end of discharge. There should be protection of the pipe to prevent damage to pipe and erosion.
  - 3) Is 6" perforated plastic pipe in infiltration bed approved by NSF?
  - 4) Will the submersible pump in the sump be capable of pumping water to the storage tank under all conditions? i.e. well #1 pumping or not pumping.
  - 5) Will the chlorinator operate when either or both pumps running?
  - 6) This cannot be considered a final review.



PERMIT TO CONSTRUCT

☒/

New

☐/

Renewal

Permit No. 77-188R

☐/

Modified

Home Ranch Water System

(Name of Facility)

This permit hereby authorizes the applicant:

P & P Enterprises

c/o Walt Pilch

(Last)

(First)

(Middle)

P. O. Box 6498

(Street or P.O. Box)

Sheridan, WY 82801

Sheridan County

(City)

(County)

(State)

to construct, install, or modify a public water supply source

facility located in Sec. 10, T55N, R84W

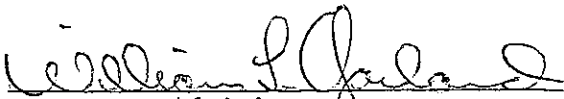
(Legal Description)

in the County of Sheridan, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:



Administrator  
Water Quality Division



Director  
Wyoming Dept. of Environmental Quality

July 8, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-189 Ref. 76-87R

Tumbleweed Drive-In Restaurant  
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Storms</u>	<u>Billie</u>	<u>H.</u>
(Last)	(First)	(Middle)
<u>Box 2824</u>		
(Street or P.O. Box)		
<u>Jackson</u>	<u>Teton</u>	<u>Wyoming 83001</u>
(City)	(County)	(State)

to construct, install, or modify a Waste Treatment System Extension  
facility located in \_\_\_\_\_  
(Legal Description)

in the County of Teton, in the State of  
Wyoming. This permit shall be effective for a period of 1 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

*William S. Garland*

\_\_\_\_\_  
Director  
Wyoming Dept. of Environmental Quality

May 18, 1977  
Date of Issuance

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-190R

Powell Water Improvements Phase III

(Name of Facility)

This permit hereby authorizes the applicant:

City of Powell

(Last)

(First)

(Middle)

P.O. Box 1008

(Street or P.O. Box)

Powell

(City)

Park

(County)

Wyoming 82435

(State)

to construct, install, or modify a Water Improvements

facility located in the City of Powell

(Legal Description)

in the County of Park, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. O'Neal  
Administrator  
Water Quality Division

Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality

June 24, 1977

Date of Issuance

cc: Sanderson/Stewart/Mueller Engineering, Inc., 1629 Avenue D, Suite 7A,  
Billings Mont. 59102

REVIEW OF PLANS AND SPECIFICATIONS

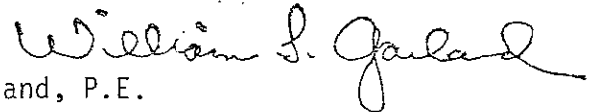
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Table Rock Gas Plant, Section 23, T19N, R98W, Sweetwater County,  
Wyoming

ARCHITECT OR ENGINEER: Raymond O. Gibson - Stearns - Rogers, Inc., P.O. Box 5888,  
Denver, Colorado

WATER QUALITY DIVISION REFERENCE NUMBER: 77-191

REVIEWING ENGINEER: David W. Hill; William L. Garland, P.E.



DATE OF REVIEW: June 1, 1977

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS: 1) Please submit baffling details for the septic tank. Will  
concrete baffles or sanitary "Tee's" be used?

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

☐ Modified

Permit No. 77-191R

Table Rock Gas Plant

(Name of Facility)

This permit hereby authorizes the applicant:

Jones,

(Last)

Preston

(First)

L. (Representing Stearns-

(Middle)

Roger, Inc.)

P. O. Box 5888

(Street or P.O. Box)

Denver, Colorado 80203

(City)

(County)

(State)

to construct, install, or modify a septic tank - leach field

facility located in Sec. 23, T19N, R98W

(Legal Description)

in the County of Sweetwater, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:



Administrator  
Water Quality Division



Director  
Wyoming Dept. of Environmental Quality

July 8, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-192

Town of Glendo - Water System Improvements  
(Name of Facility)

This permit hereby authorizes the applicant:

Town of Glendo

(Last) (First) (Middle)  
c/o Western Engineers-Architects, Inc.  
501 No. Sun Drive

(Street or P.O. Box)

Casper

(City)

Wyoming 28601

(State)

to construct, install, or modify a Public Water Supply Improvements

facility located in Town of Glendo

(Legal Description)

in the County of Platte, in the State of

Wyoming. This permit shall be effective for a period of 3 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. Ireland  
Administrator  
Water Quality Division

Robert E. Landon  
Director  
Wyoming Dept. of Environmental Quality

June 9, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-193

Shirley Basin Townsite Water Supply

(Name of Facility)

This permit hereby authorizes the applicant:

Little Medicine Development Company

(Last) (First) (Middle)  
c/o Ralph Peak  
Lucky Mc Uranium Corporation

(Street or P.O. Box)

Shirley Basin Carbon Wyoming 82615  
(City) (County) (State)

to construct, install, or modify a Iron and Manganese Removal

facility located in Section 20, T27N, R78W

(Legal Description)

in the County of Carbon, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Gabel

Administrator  
Water Quality Division

Robert E. Sundin

Director  
Wyoming Dept. of Environmental Quality

September 23, 1977

Date of Issuance

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: Shirley Basin Townsite, Water Treatment Facility

ARCHITECT OR ENGINEER: Ralph E. Peak, P.E. - Mill Superintendent; Lucky  
Mc Uranium Corp., Shirley Basin, WY 82615

WATER QUALITY DIVISION REFERENCE NUMBER: 77-193

REVIEWING ENGINEER: Tom Mueller, William L. Garland, P.E.

DATE OF REVIEW: 8-31-77

ACTION: See Comments. CONSTRUCTION AUTHORIZED.

COMMENTS:

1. Locations of the sample taps for the differential pressure indicator/switch is not shown. They should not encompass the pressure drop induced by the flow controllers unless this is to be taken into account.
2. Following are several observations on the control drawings, offered for consideration only:
  - When relay R2 is de-energized at 11:30 of Timer #1, power to change any solenoid valve from its normal position will be removed. Similiar observations can be made for R3 and R4. It is suggested that SW1, SW2, SW4, SW5, SW6, and SW8 on timer #1 and SW1, SW2 and SW4 on timer #2, be connected to main power line 31, and not to relay controlled lines. Relay R3 should also be normally open.
  - Solenoid valve 1SV5 should be normally open.
  - On valve 1SV5, line 50 should not be tied to Neutral.
  - Should light be amber on 1SV5 circuit?
  - Should R5 contact on line 103 (indicator light) be normally closed?
  - Should SW4 on Timer #2 be activated at 57:30?
  - Changes are noted in pencil on the Backwash Timer Program. Any changes should be carefully scrutinized to assure that the backwash program remains synchronized.



Shirley Basin Townsite, Water Treatment Facility

77-193

- It appears that even if only one filter is in operation, the automatic backwash program would cause all three filters to be backwashed.

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-194

Paul Petzoldt's Wilderness Lodge  
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Petzoldt</u> (Last)	<u>Paul</u> (First)	<u></u> (Middle)
<u>625 Buena Vista</u> (Street or P.O. Box)		
<u>Lander</u> (City)	<u></u> (County)	<u>Wyoming 82520</u> (State)

to construct, install, or modify a Septic Tank - Leach Field  
facility located in Section 19, T44N, R118W  
(Legal Description)

in the County of Teton, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Garland  
Administrator  
Water Quality Division

Robert E. Lundin  
Director  
Wyoming Dept. of Environmental Quality

June 6, 1977

Date of Issuance

cc: Nelson Engineering, P.O. Box 1141, Jackson, Wyoming 83001  
Dan Cowee, Teton County Planner, Teton County Courthouse, Jackson, WY 83001

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-195

Country Club Estates - City of Sheridan  
(Name of Facility)

This permit hereby authorizes the applicant:

ASP Construction c/o W.J. Pilch and Associates  
(Last) (First) (Middle)

Box 6498

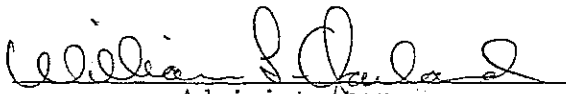
(Street or P.O. Box)

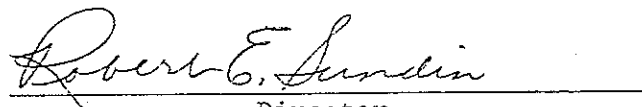
Sheridan Sheridan Wyoming 82801  
(City) (County) (State)

to construct, install, or modify a Sewage Collection System  
facility located in Section 28, T56N, R84W  
(Legal Description)

in the County of Sheridan, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

  
Administrator  
Water Quality Division

  
Director  
Wyoming Dept. of Environmental Quality

June 23, 1977

Date of Issuance

cc: City of Sheridan, City Engineer, P.O. Box 848, Sheridan, WY 82801

REVIEW OF PLANS AND SPECIFICATIONS

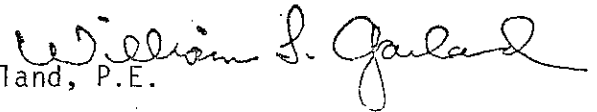
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: North Casper Mobile Home Park, 800 Blk. North Grant Street,  
Owner: Mr. Bert Goldsmith

ARCHITECT OR ENGINEER: Ronald J. Nelson, P.E., Keimig/Neifert, 1738 So. Poplar,  
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 77-196

REVIEWING ENGINEER: Jake Strohman; William L. Garland, P.E.



DATE OF REVIEW: May 25, 1977

ACTION: CONSTRUCTION IS NOT AUTHORIZED

- COMMENTS:
1. 6 inch is minimum size line for any line where more than one service connection exists. A manhole is required at the change in direction. A manhole or cleanout is required at the end of the sewer collection line. Send specifications for manholes, cleanout, pipe, installation, alignment, infiltration, exfiltration, etc. Need a profile for sewage system.
  2. Send material specifications for water line, disinfection procedures, pressure tests, installation depth and procedure. Minimum size line is 2 inches with 3/4 inch service connections.

JS/jo  
Enclosure

REVIEW OF PLANS AND SPECIFICATIONS

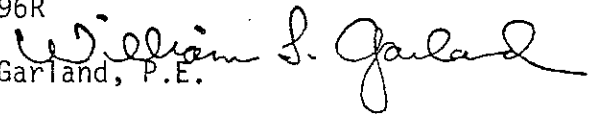
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
State Office Building  
Cheyenne, Wyoming 82002

PROJECT: North Casper Mobile Home Park, 800 Blk. North Grant Street, Casper,  
Owner: Bert Goldsmith

ARCHITECT OR ENGINEER: None listed on additional information furnished

WATER QUALITY DIVISION REFERENCE NUMBER: 77-196R

REVIEWING ENGINEER: Jake Strohman, William L. Garland, P.E.



DATE OF REVIEW: August 9, 1977

ACTION: CONSTRUCTION IS NOT AUTHORIZED

COMMENTS: The items listed in the plan review of 5-25-77 have not been satisfied.

Ref: Wyoming Water Quality Rules and Regulations, Chapter III, 1976

Page 9 1.1 Minimum size of (6) inch for sewer lines.

1.2 Depth Sewage lines shall be laid in trenches of sufficient depth to be free of breakage from traffic, ground movement and freezing.

Pg. 10

- 1.3 Slope
- 1.4 Alignment
- 1.6 Joints and Infiltration
- 1.7 Manholes

Pg. 12

- 2.1 Water lines
- 2.3 Disinfection
- 2.4 Cover
- 2.5 Pressure Tests

3.0 Horizontal and Vertical Separations

The above standards are minimum which your original plans and specifications did not meet. Other than your letter stating the 4" diameter sewer line would be increased to 6" diameter, depth of sewer and water lines and profile of sewage line, the other items remain unanswered. Any addendum to plans and specifications require the engineer's seal or signature.

JS/jo

cc: Nix Anderson  
Enclosure - Chapter III

PERMIT TO CONSTRUCT

☒/

New

☐/

Renewal

☐/

Modified

Permit No. 77-196RRR

North Casper Mobile Home Park

(Name of Facility)

This permit hereby authorizes the applicant:

Goldsmith

Bert

(Last)

(First)

(Middle)

c/o The Keimig Associates  
1738 S. Poplar Street

(Street or P.O. Box)

Casper

Natrona

Wyoming 82601

(City)

(County)

(State)

to construct, install, or modify a Mobile Home Park

facility located in Lots 187 through 193, Block 32, North Casper Addition

(Legal Description)

in the County of Natrona, in the State of

Wyoming. This permit shall be effective for a period of 2 years

from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. Galand

Administrator

Water Quality Division

Robert E. Skindin

Director

Wyoming Dept. of Environmental Quality

November 13, 1977

Date of Issuance

This permit does not supercede the requirements for obtaining a Septic Tank  
Permit from Natrona County Health Department.

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

Permit No. 77-197

☐ Modified

Ash Creek Mining Co.

(Name of Facility)

This permit hereby authorizes the applicant:

Ash Creek Mining Co.

(Last)

(First)

(Middle)

P.O. Box 6528

(Street or P.O. Box)

Sheridan

Sheridan

Wyoming 82801

(City)

(County)

(State)

to construct, install, or modify a Waste Treatment Facility

facility located in T84, R58  
(Legal Description)

in the County of Sheridan, in the State of  
Wyoming. This permit shall be effective for a period of 1 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William L. Ireland  
Administrator  
Water Quality Division

Robert E. Lundin  
Director  
Wyoming Dept. of Environmental Quality

June 1, 1977

Date of Issuance

PERMIT TO CONSTRUCT

☐ New  
☐ Renewal  
☒ Modified

Permit No. 77-198 REF. 77-106R

Latigo Hills Filing No. 1  
(Name of Facility)

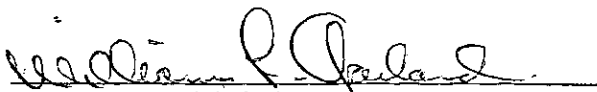
This permit hereby authorizes the applicant:

Housing Services, Inc.  
(Last) (First) (Middle)  
1500 Security Life Building  
(Street or P.O. Box)  
Denver Colorado 82020  
(City) (County) (State)

to construct, install, or modify a Water Distribution - Sewage Collection  
facility located in Section 27, 34, T44N, R72W  
(Legal Description)

in the County of Campbell, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

  
Administrator  
Water Quality Division

  
Director  
Wyoming Dept. of Environmental Quality

May 20, 1977

Date of Issuance

cc: City of Gillette - Campbell Co., Department of Planning & Development  
P.O. Box 540, Gillette, WY 82716 Attention: Joe Racine, Planner



PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-199

Town of Glenrock Recreation Area  
(Name of Facility)

This permit hereby authorizes the applicant:

<u>Town of Glenrock</u>		
(Last)	(First)	(Middle)
<u>P.O. Box 417</u>		
	(Street or P.O. Box)	
<u>Glenrock</u>	<u>Converse</u>	<u>Wyoming 82637</u>
(City)	(County)	(State)

to construct, install, or modify a Disposal System  
facility located in the Town of Glenrock  
(Legal Description)

in the County of Converse, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William P. Gulea  
Administrator  
Water Quality Division

Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality

June 1, 1977

Date of Issuance

cc: Ken Wolz, P.O. Box 322, Casper, WY 82601

PERMIT TO CONSTRUCT

☒ New  
☐ Renewal  
☐ Modified

Permit No. 77-200

The Old Corral Wastewater System

(Name of Facility)

This permit hereby authorizes the applicant:

Self	Pat	
(Last)	(First)	(Middle)
c/o Environmental Engineering and Operation		
1513 Symons		
(Street or P.O. Box)		
Laramie	Albany	Wyoming 82070
(City)	(County)	(State)

to construct, install, or modify a Sewage Treatment  
facility located in Section 3, T15N, R78W  
(Legal Description)

in the County of Albany, in the State of  
Wyoming. This permit shall be effective for a period of 2 years  
from the date of issuance of this permit not to exceed five (5) years.

Authorized by:

William J. Geland  
Administrator  
Water Quality Division

Robert E. Sundin  
Director  
Wyoming Dept. of Environmental Quality

June 1, 1977

Date of Issuance